

FIG. 1A

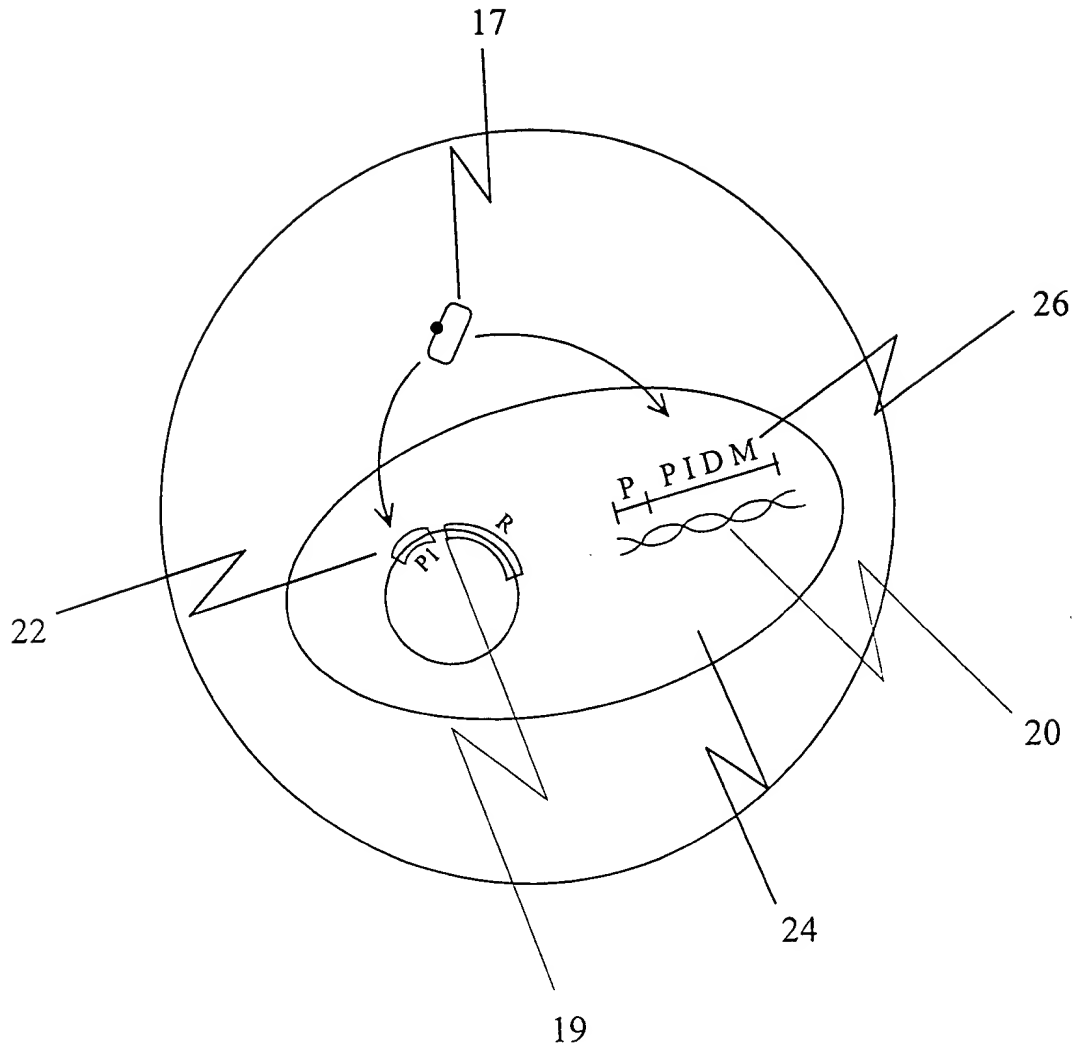


FIG. 1B

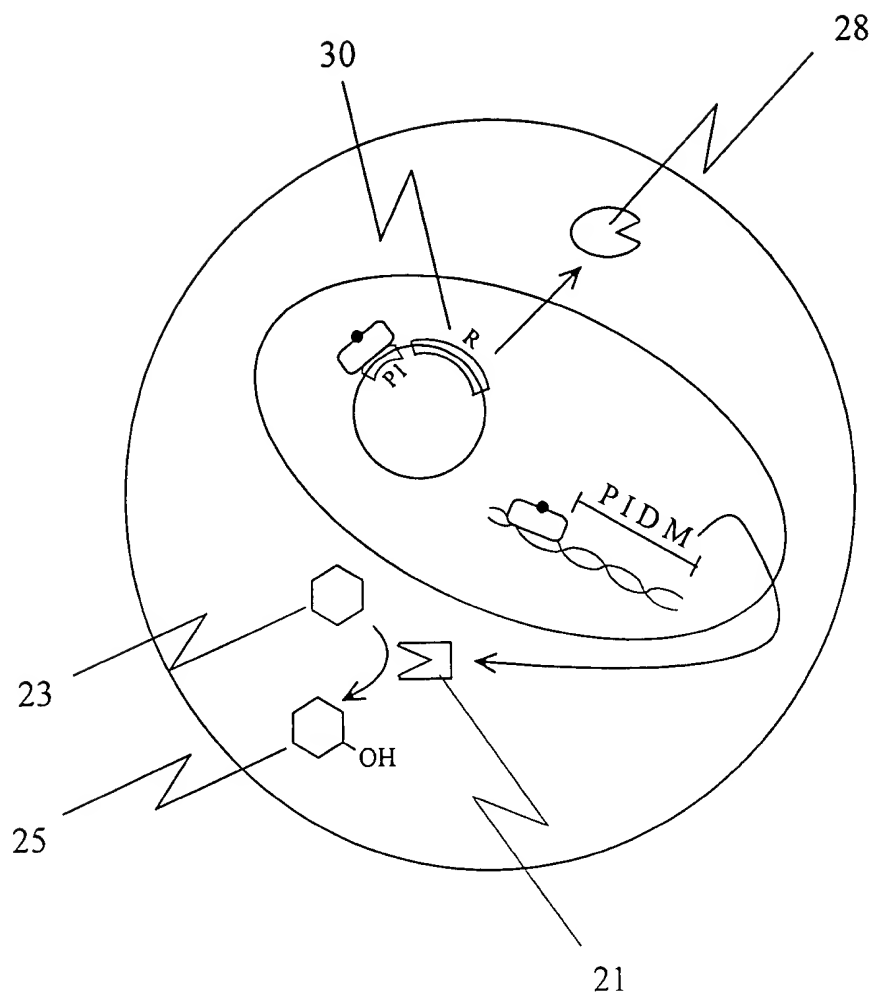


FIG. 1C

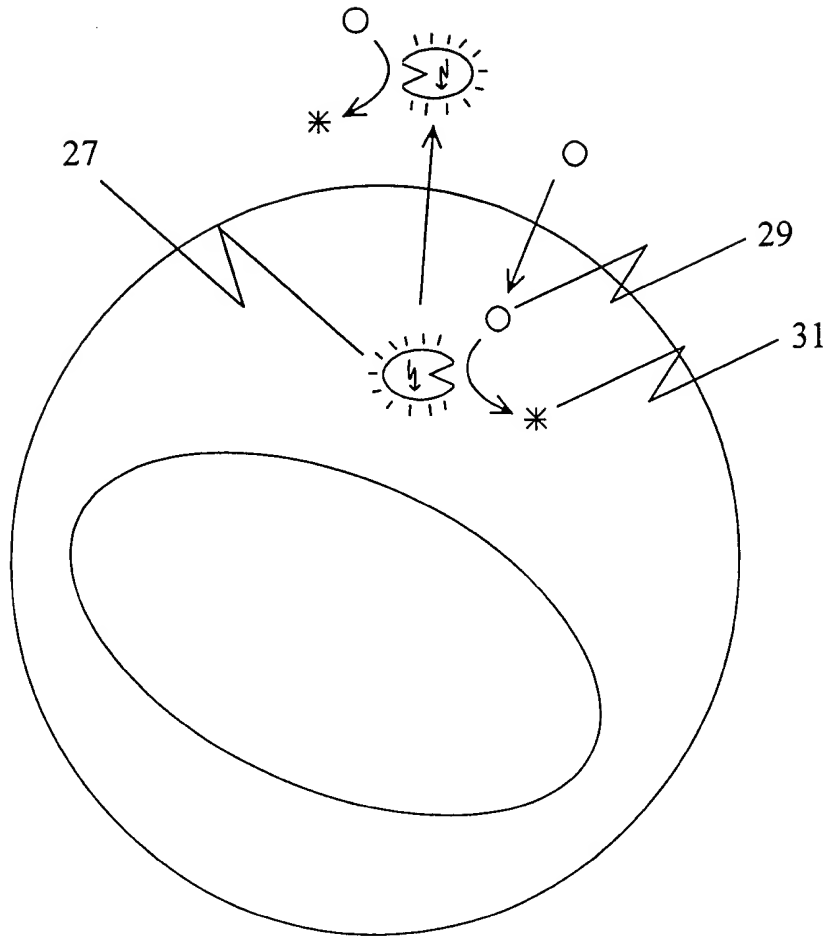


FIG. 1D

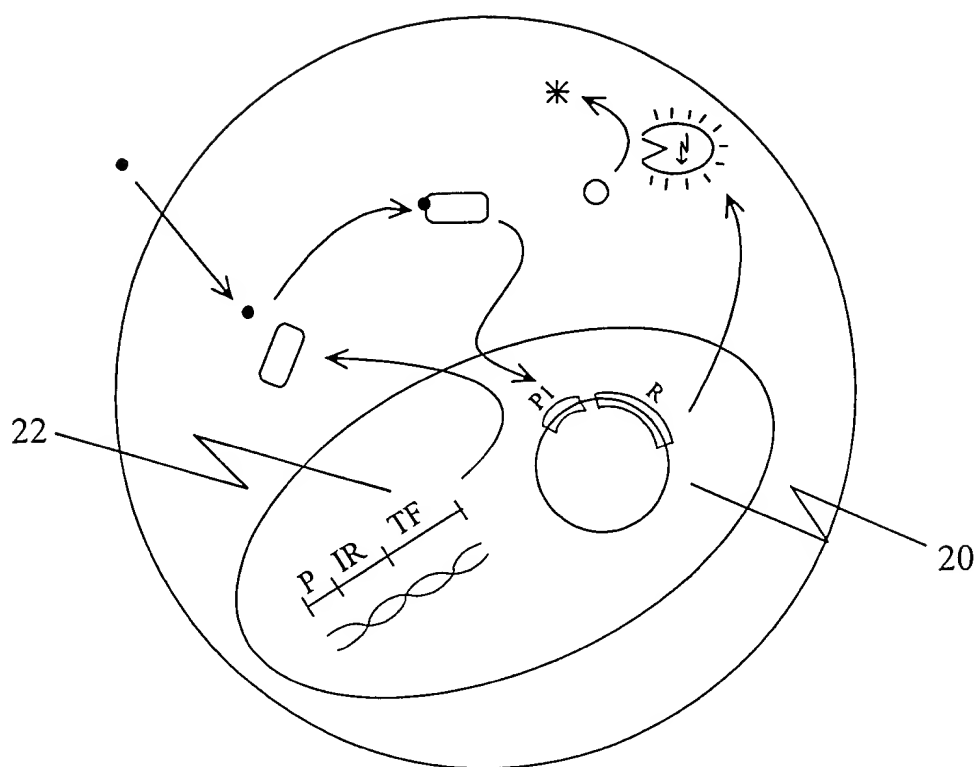


FIG. 2

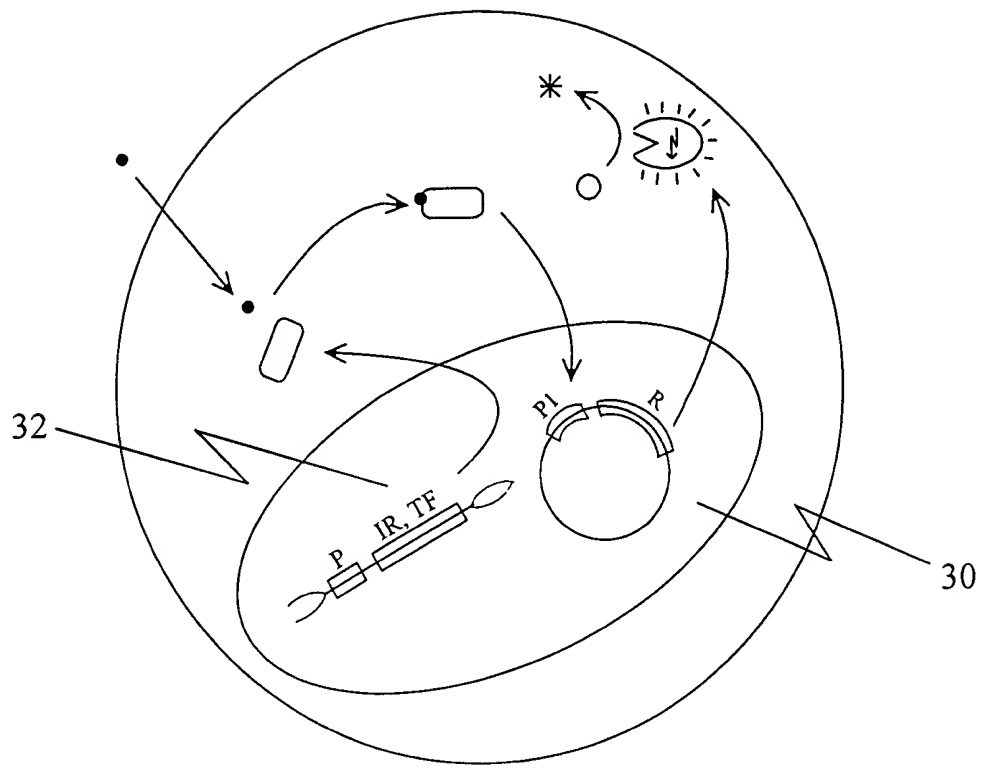


FIG. 3

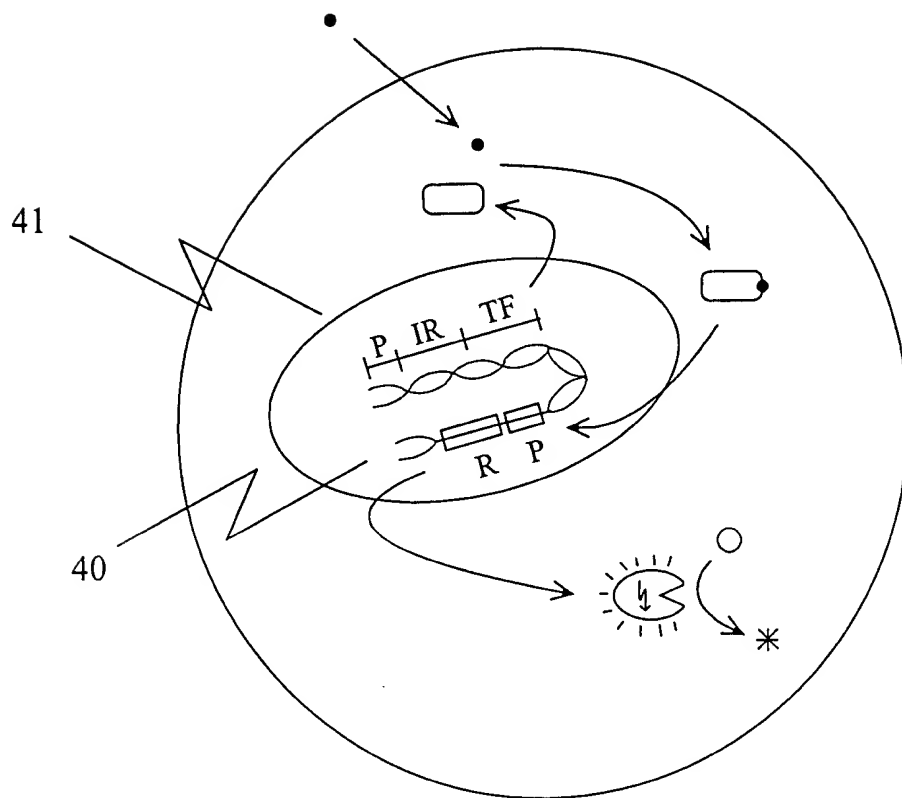


FIG. 4

FIG. 5

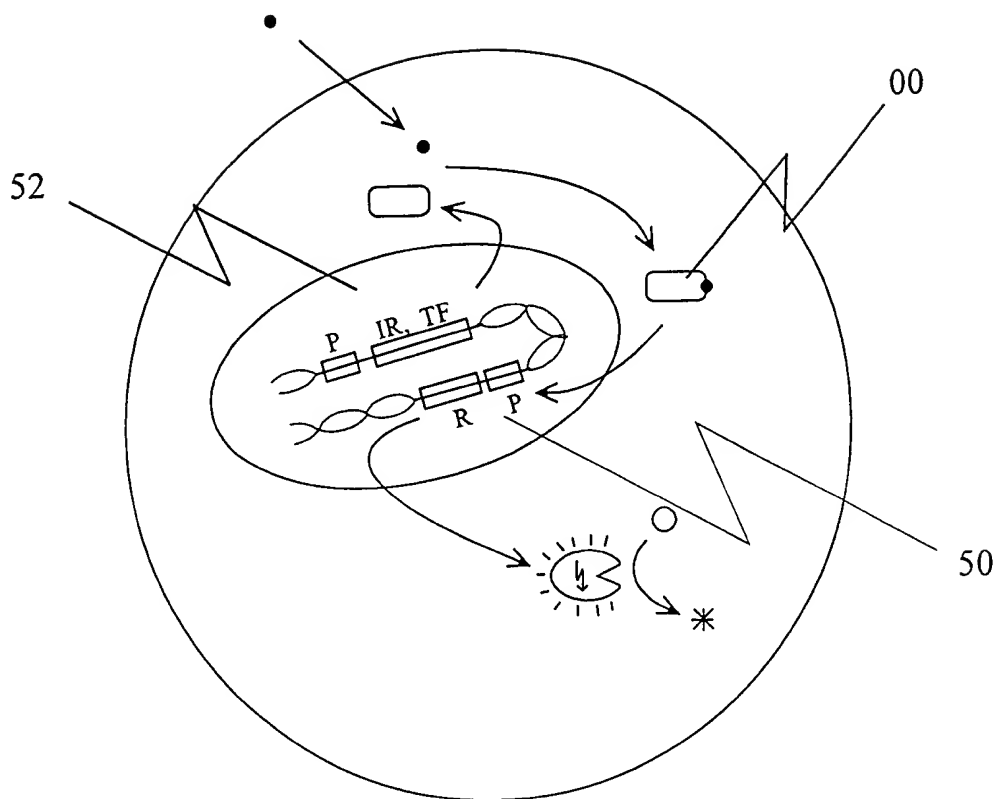


FIG. 5



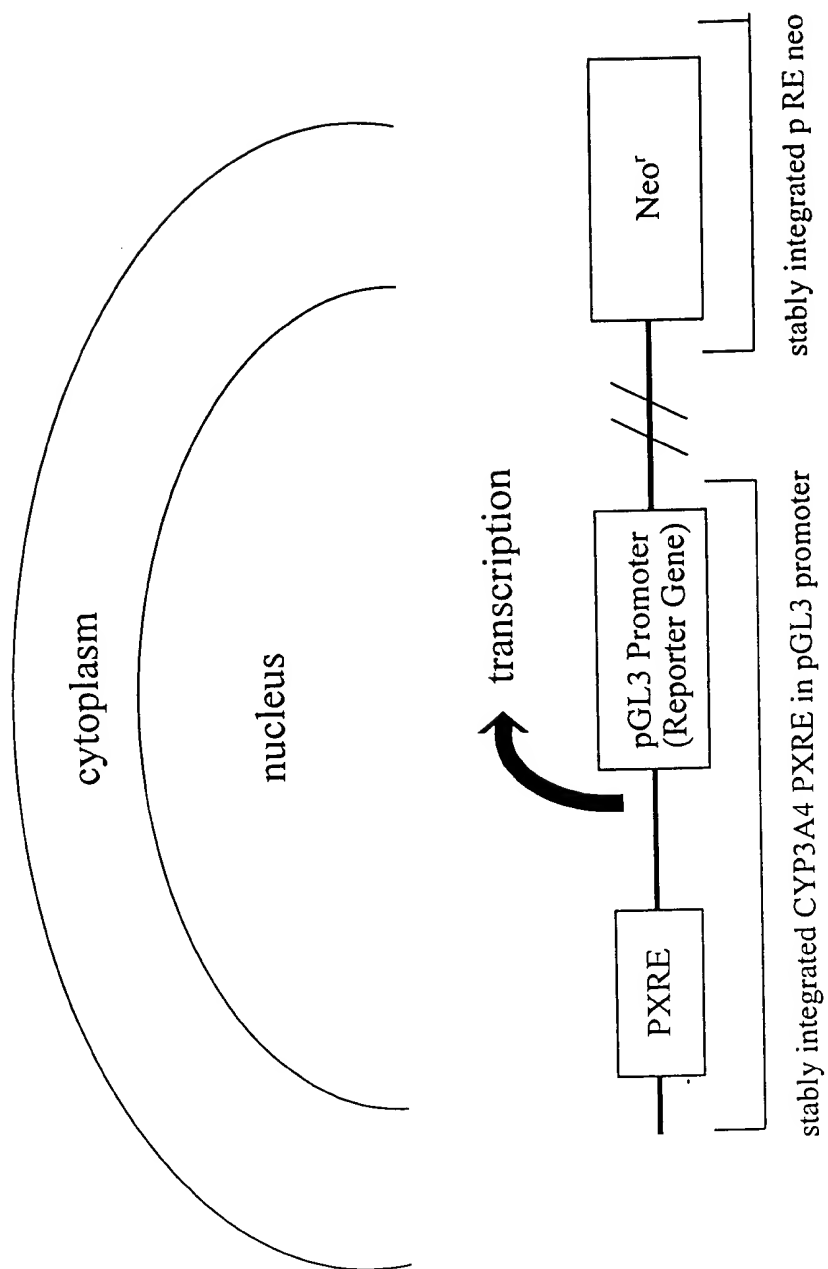


FIG. 6

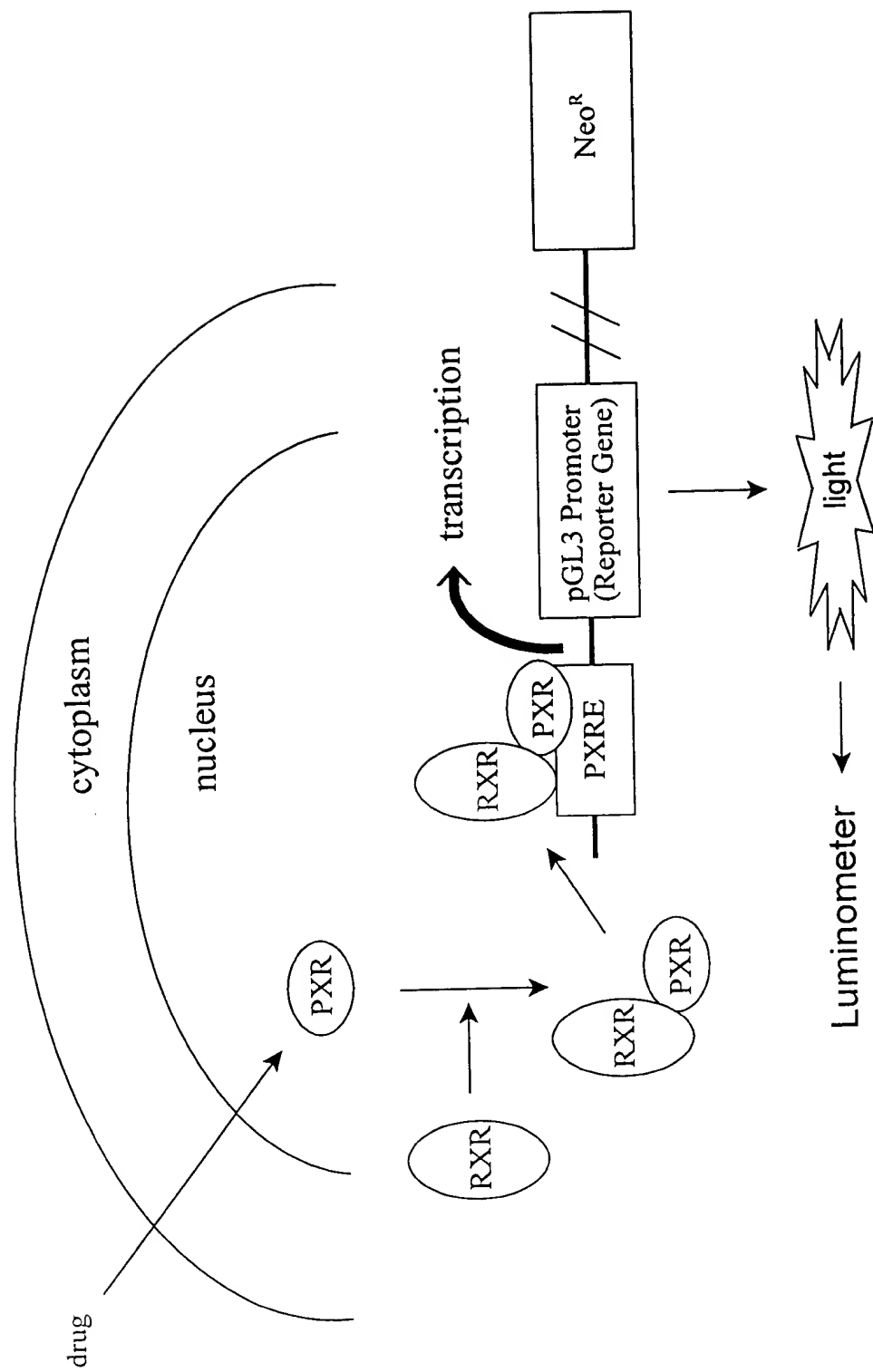


FIG. 7

Variable	Mean	SD	Min	Max	Median	Mode	Range	Skewness	Kurtosis	Normality
Age	35.2	12.5	18	65	32	30	47	0.15	-0.5	0.95
Gender	1.2	0.4	1	2	1	1	1	0.05	-0.1	0.98
Marital Status	2.1	0.8	1	3	2	2	2	0.10	-0.2	0.96
Education	15.8	2.1	10	20	16	16	10	0.08	-0.3	0.97
Income	1200	300	500	2000	1100	1000	1500	0.12	-0.4	0.94
Occupation	1.5	0.5	1	3	1	1	3	0.05	-0.1	0.98
Religion	1.1	0.3	1	2	1	1	1	0.02	-0.05	0.99
Health Status	2.5	0.6	1	3	2	2	3	0.08	-0.2	0.96
Stress Level	3.2	1.1	1	5	3	3	5	0.15	-0.5	0.95
Life Satisfaction	4.1	0.9	3	5	4	4	5	0.05	-0.1	0.98
Resilience	2.8	0.7	1	4	3	3	4	0.10	-0.2	0.96
Optimism	3.5	1.0	1	5	3	3	5	0.12	-0.4	0.94
Emotional Stability	2.2	0.5	1	3	2	2	3	0.05	-0.1	0.98
Self-Esteem	3.8	0.8	2	5	4	4	5	0.08	-0.2	0.96
Life Purpose	2.9	0.6	1	4	3	3	4	0.10	-0.2	0.96
Gratitude	3.1	0.9	1	5	3	3	5	0.12	-0.4	0.94
Forgiveness	2.7	0.7	1	4	3	3	4	0.08	-0.2	0.96
Resilience	2.8	0.7	1	4	3	3	4	0.10	-0.2	0.96
Optimism	3.5	1.0	1	5	3	3	5	0.12	-0.4	0.94
Emotional Stability	2.2	0.5	1	3	2	2	3	0.05	-0.1	0.98
Self-Esteem	3.8	0.8	2	5	4	4	5	0.08	-0.2	0.96
Life Purpose	2.9	0.6	1	4	3	3	4	0.10	-0.2	0.96
Gratitude	3.1	0.9	1	5	3	3	5	0.12	-0.4	0.94
Forgiveness	2.7	0.7	1	4	3	3	4	0.08	-0.2	0.96

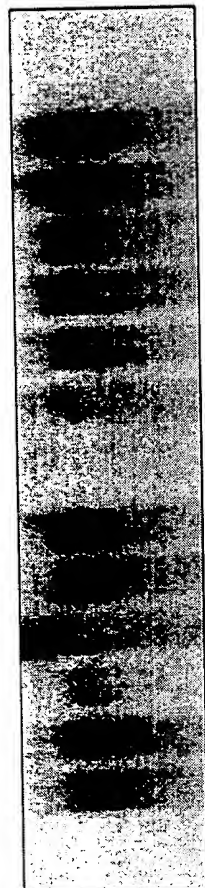


FIG. 8

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# Clone #13 (no PXR)

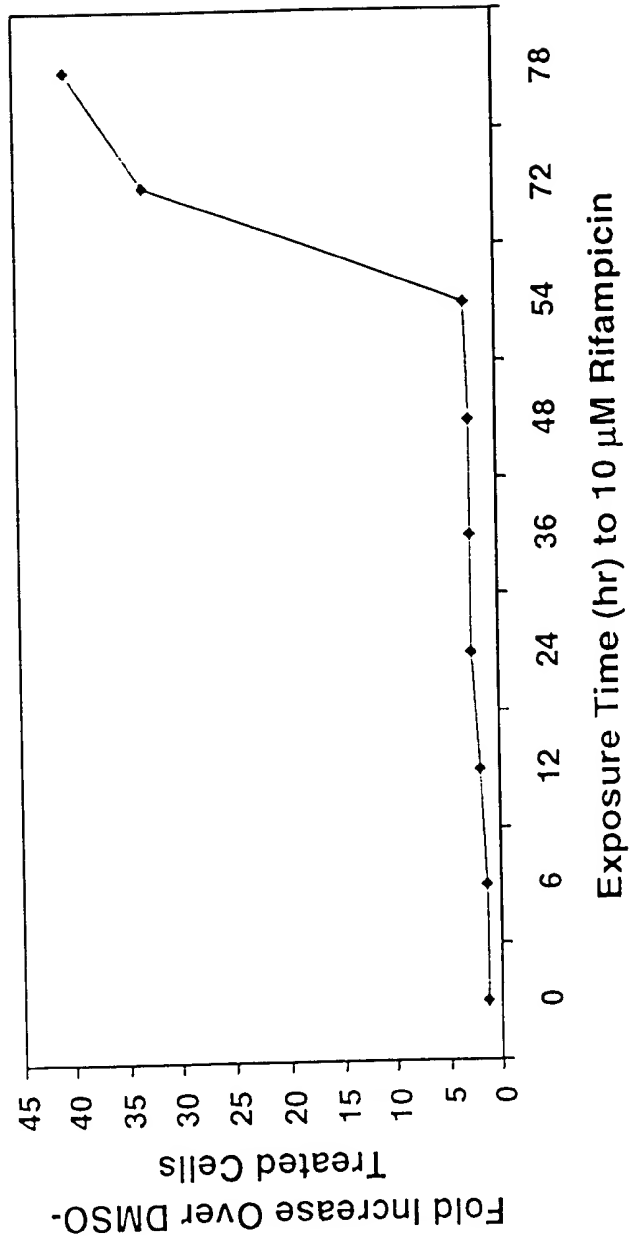


FIG. 9

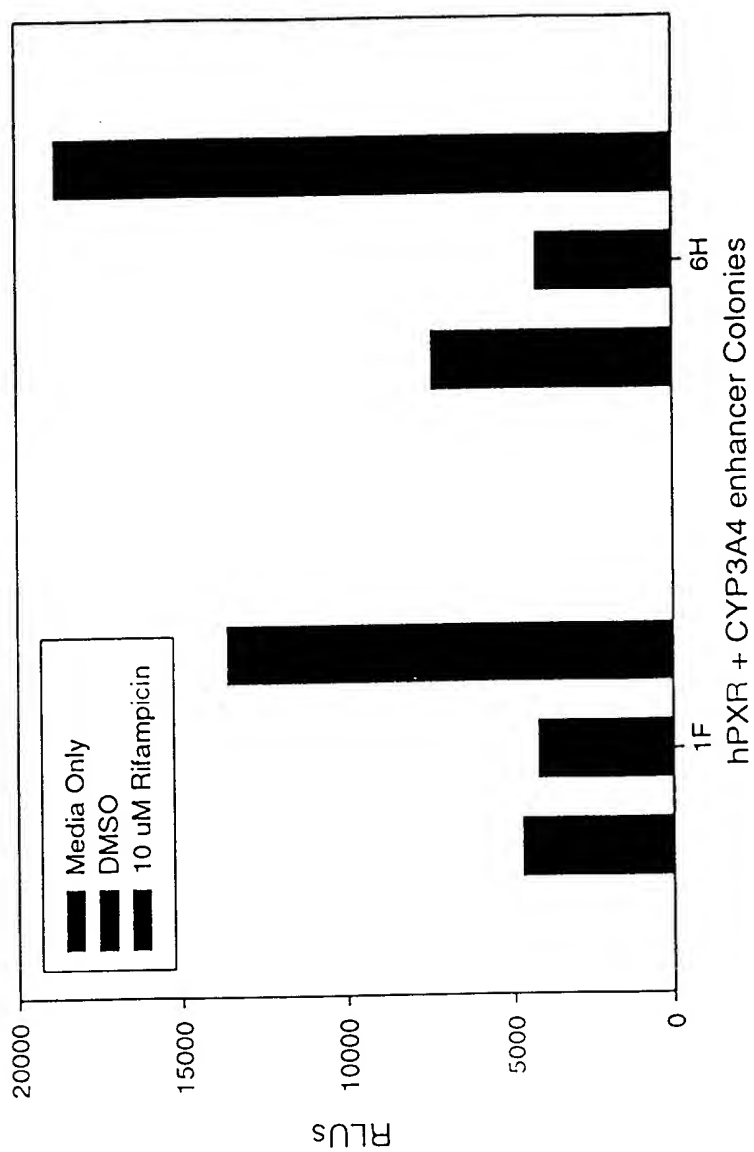


FIG. 10

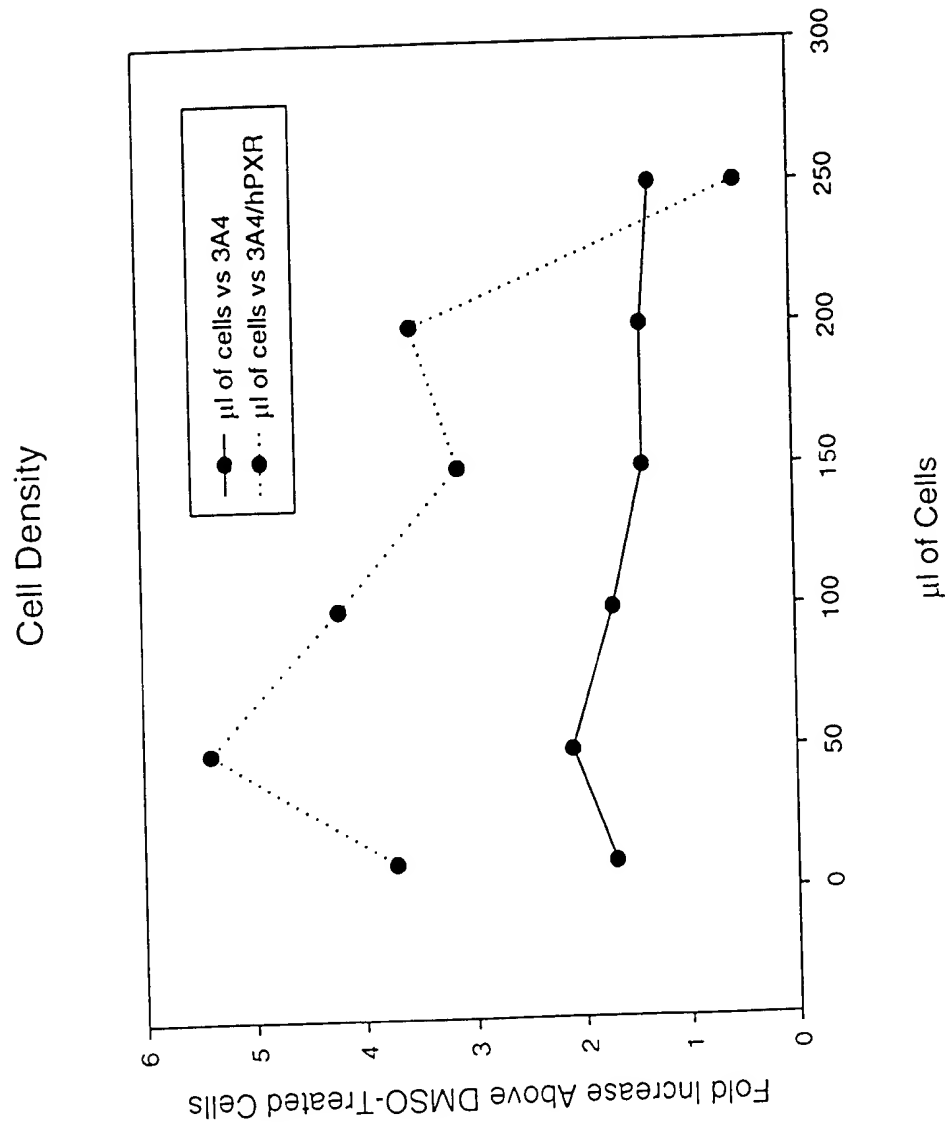
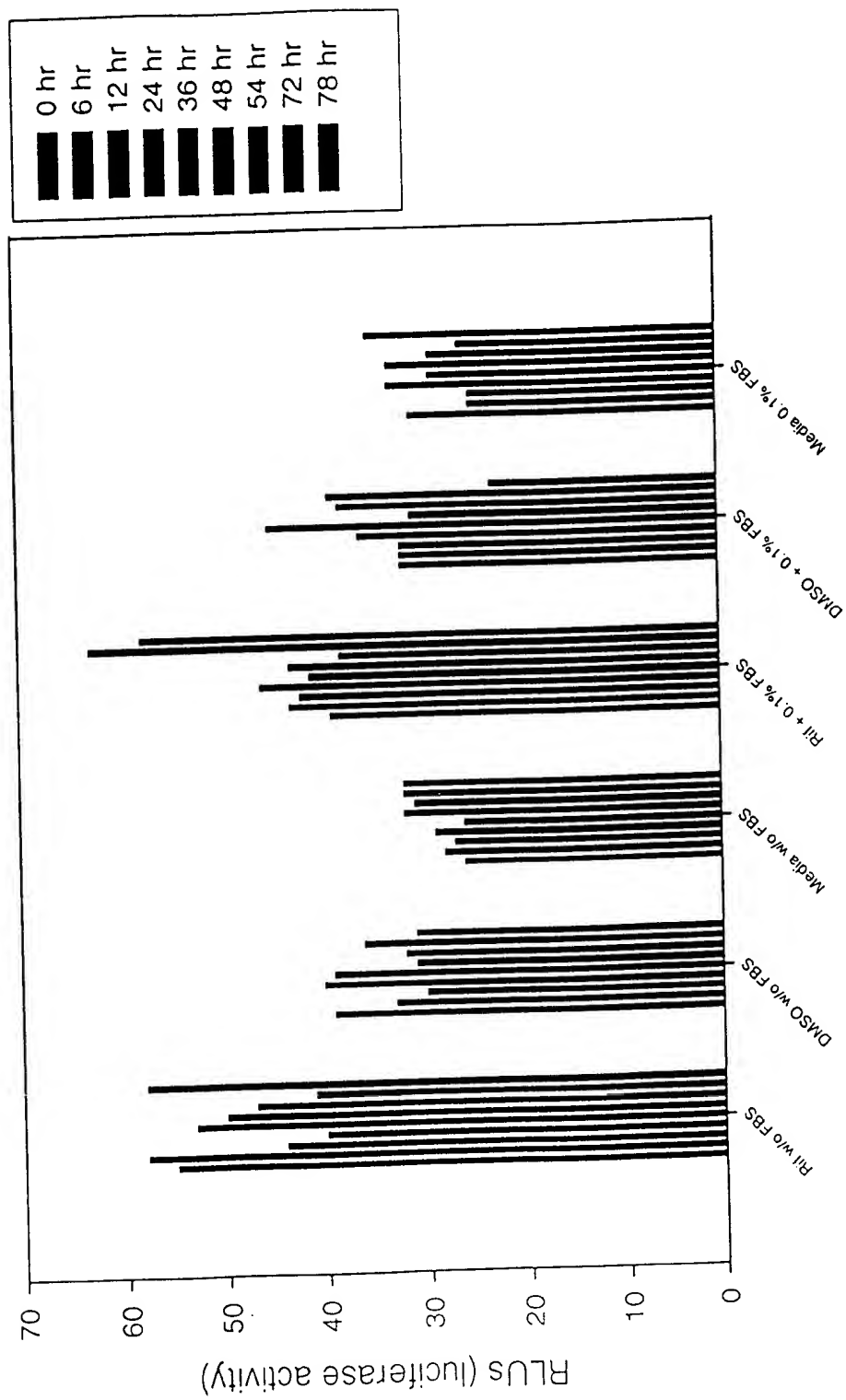


FIG. 11

# Effect of Serum, DMSO, and Rifampicin on Luciferase Activity

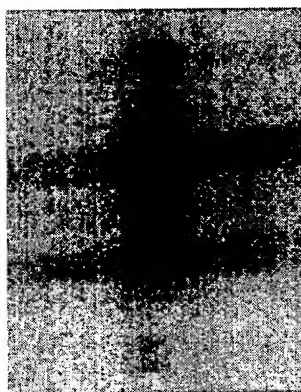


Treatment of Cells Containing pGL3 + pIRES/hPXR

FIG. 12

Human Hepatocytes # 899

10  $\mu$ g RNA per well



1 2 3 4 5 6 7

Lane 1, DMSO with 0.1  $\mu$ M DEX  
 Lane 2, DMSO no DEX  
 Lane 3, 10  $\mu$ M DEX  
 Lane 4, 1 mM Phenobarbital  
 Lane 5, 10  $\mu$ M Rifampicin  
 Lane 6, 10  $\mu$ M Clotrimazole  
 Lane 7, 10  $\mu$ M RU486

FIG. 13



FIG. 14

hPXR-3A4 colony 1F

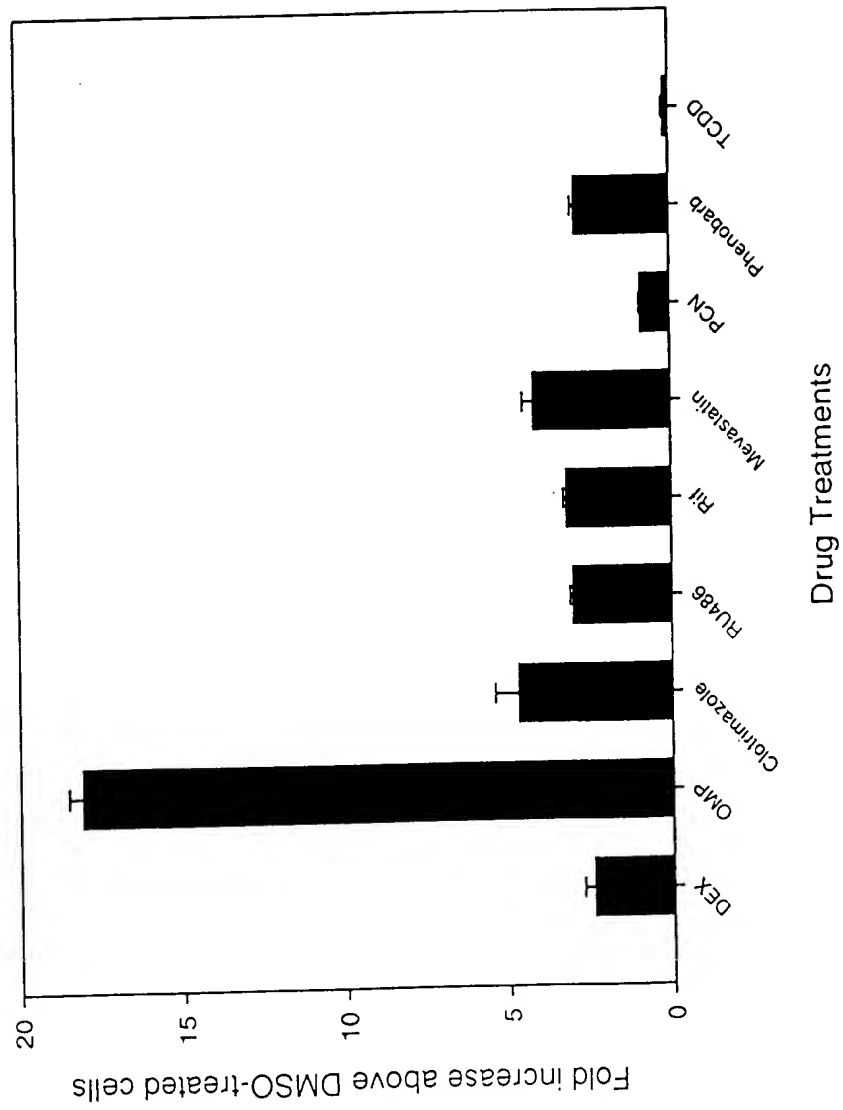


FIG. 14

Cell Culture

### 3A4 Colony 13

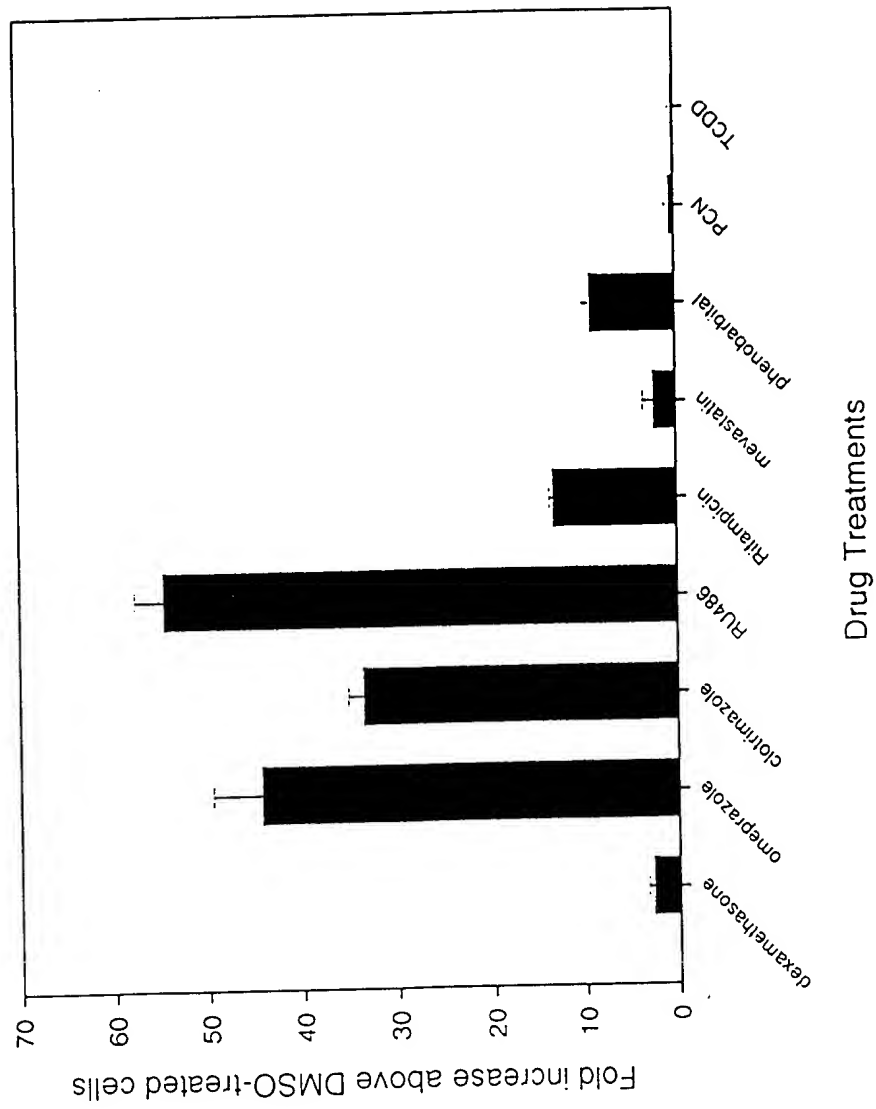


FIG. 15

## Colony 13 Drug Screen

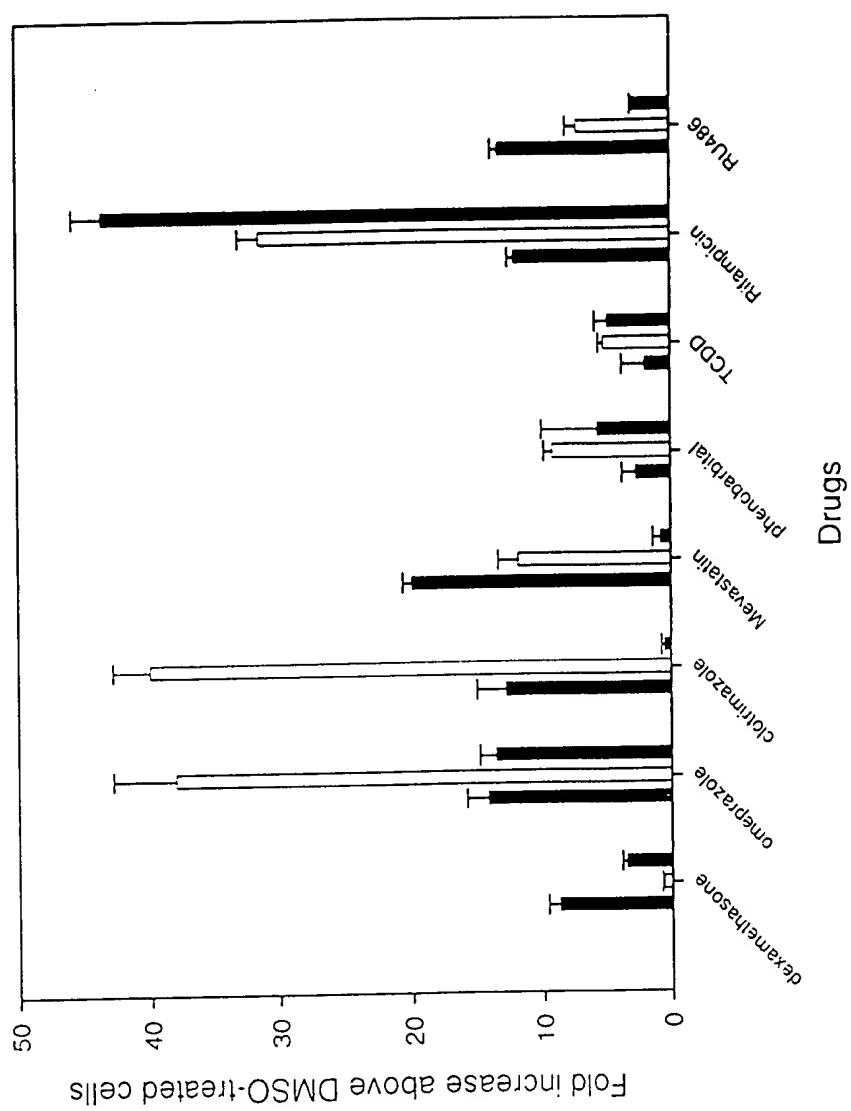


FIG. 16

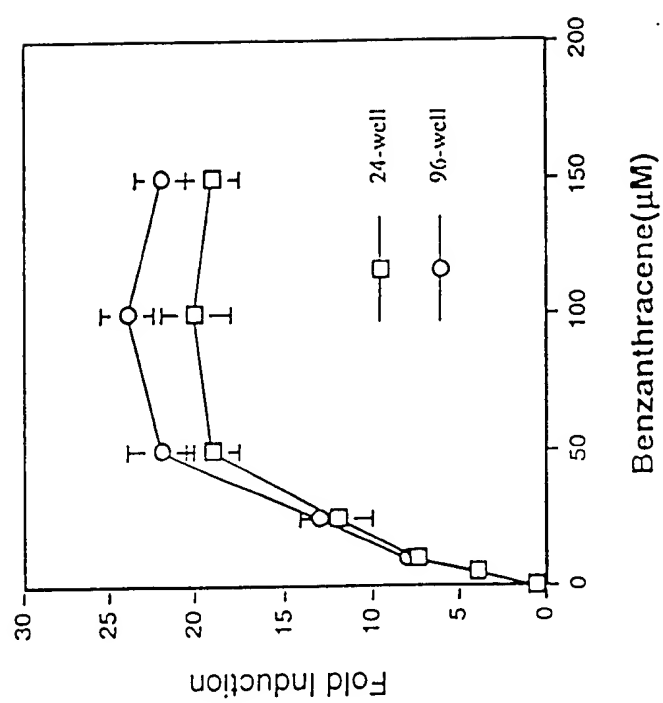


FIG. 17

FOLD INDUCTION = 16.666666666666666

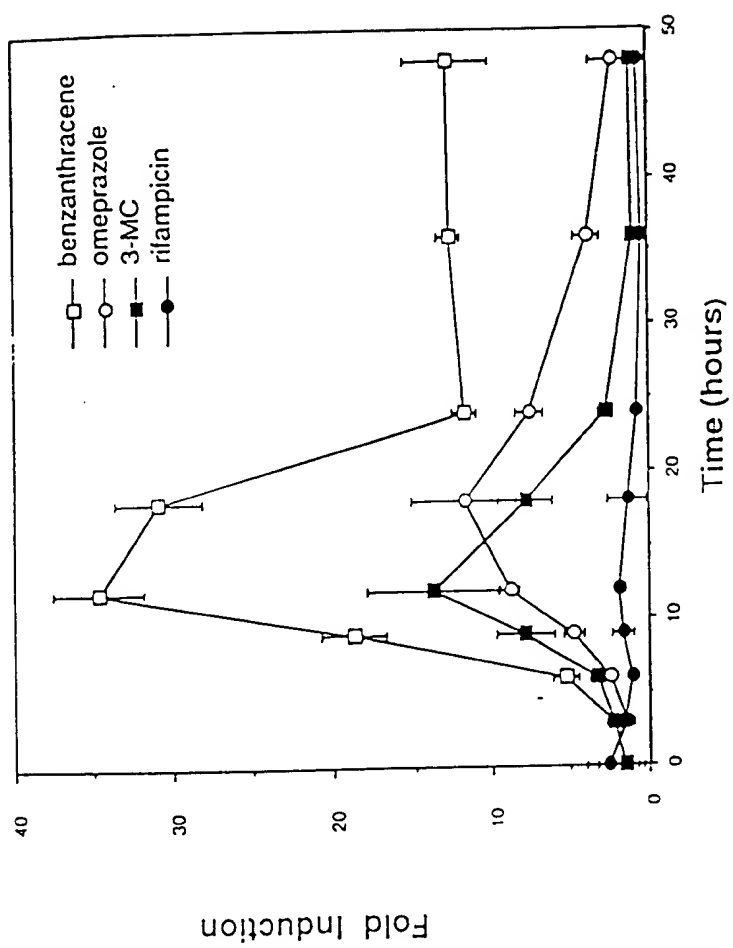


FIG. 18

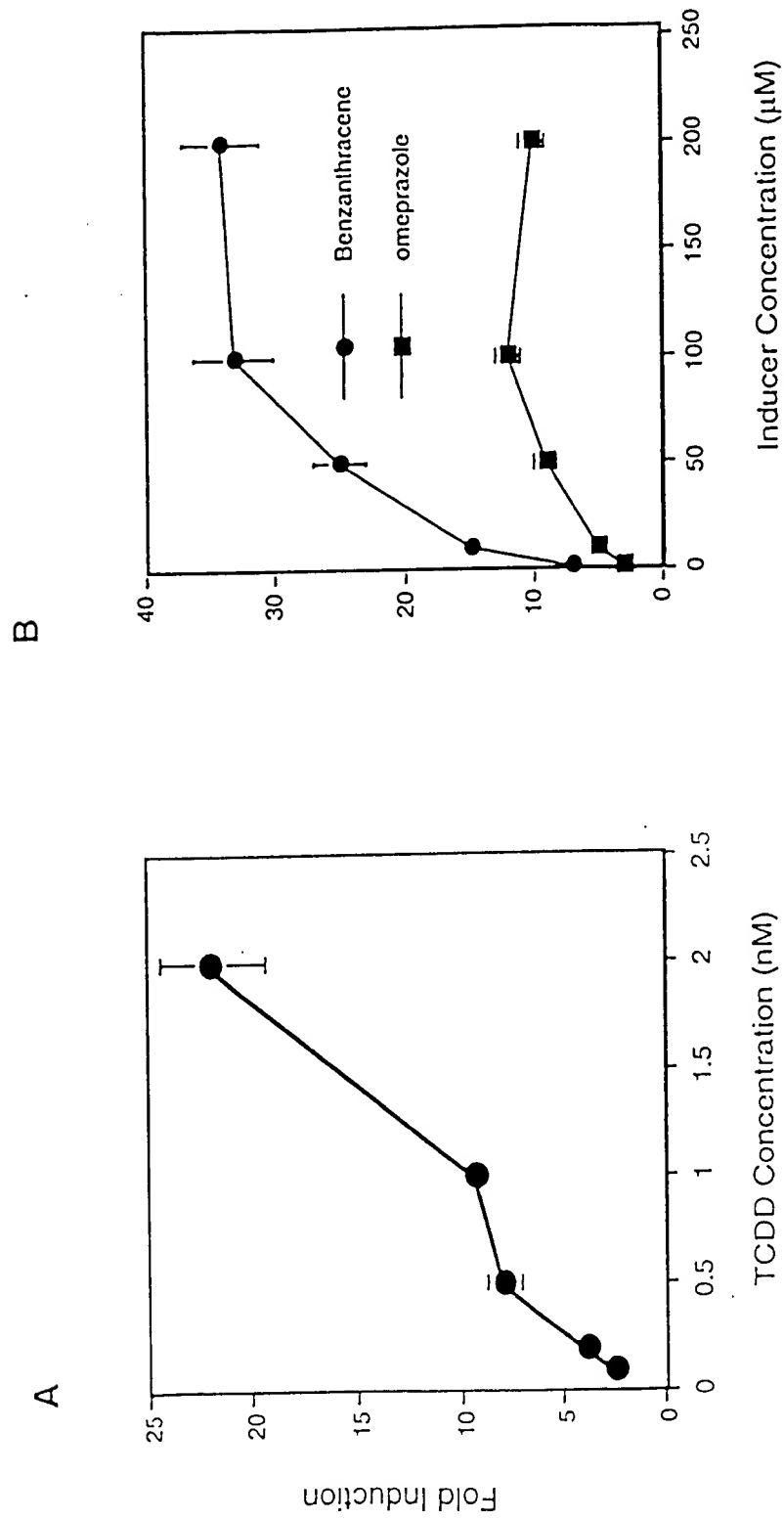


FIG. 19

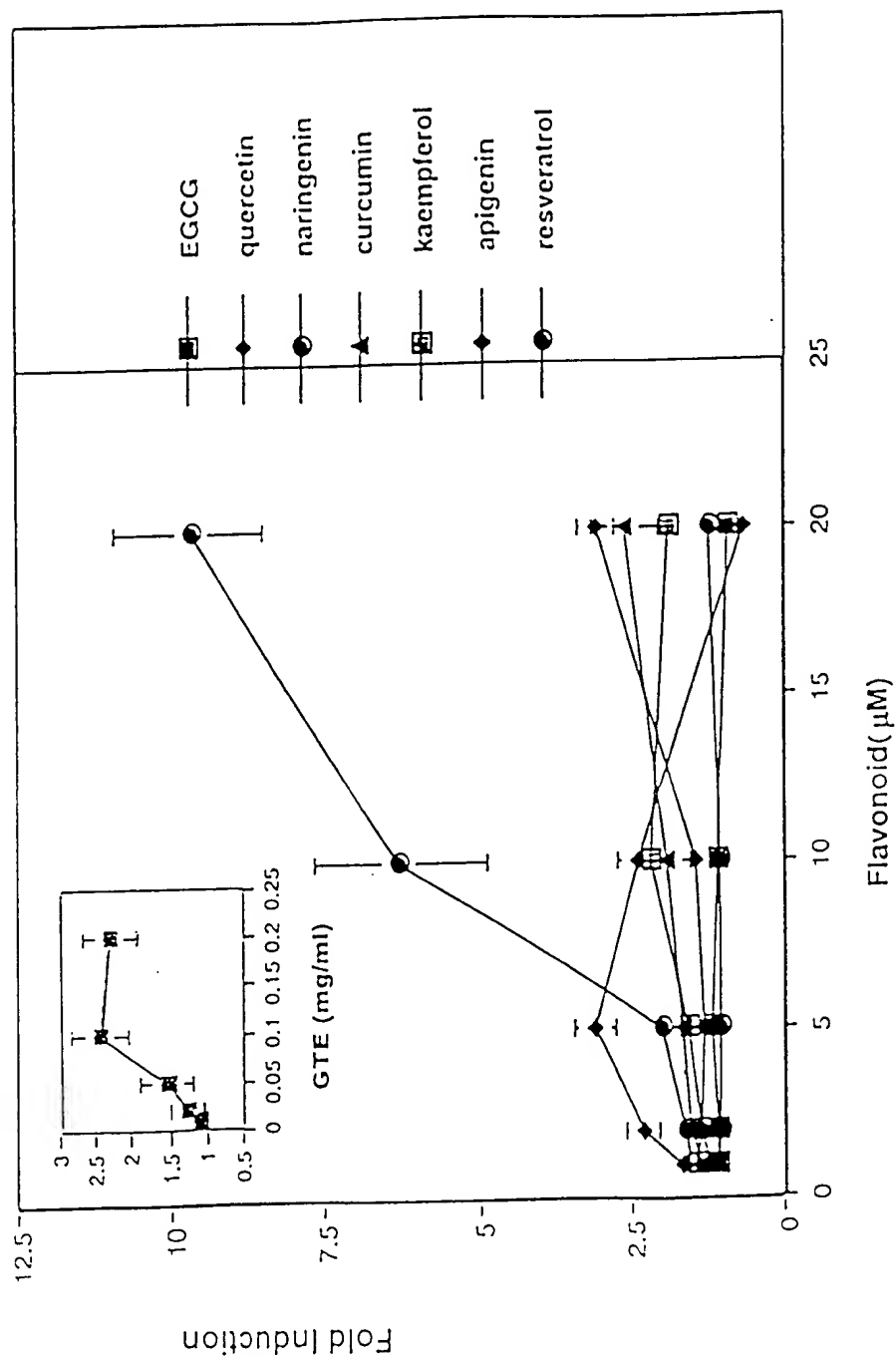


FIG. 20

TCDD + TCDD

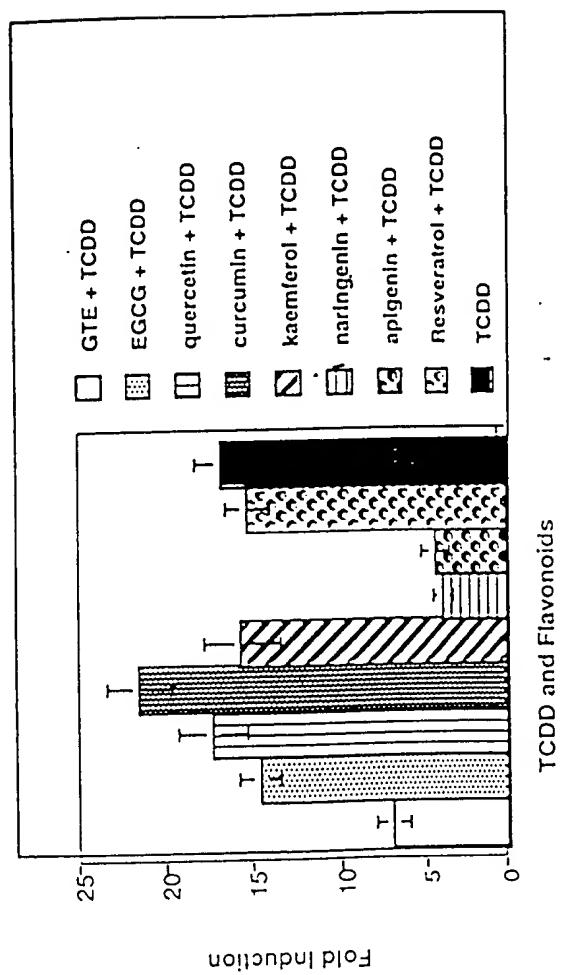


FIG. 21